

Convert 5 MB to 10 MB -

1) ~~and~~ Controller Card -

cut thin trace ~~at~~ running Between side of C14 and thick dual 5 + line (trace on - 5 meg)
Trace cut 10 meg

2) Change Z8 to 4K Version #8613 -
Install system # 341-0286

analog Card

1) Change Resistor at R14 from 40.2 Ω (5 meg) to 49.9 Ω (10 meg)

2) Change Resistor at R10 from 3.48 K Ω (5 meg) to 4.02 K Ω (10 meg)

Format & Initialize spare table.

convert 5 meg to 10 meg

materials needed:

	5 meg	10 meg
1. r-36	br,blk,br,gld 100 ohms	br,gr, br, gld 150 ohms
2. r-40	br,gr,rd,gld 1500 ohms	rd,yellow,rd,gld 2400 ohms
3. r-37	or,wt,br,blk,gld 390 ohms	yellow,purp, br, blk,gld 470 ohms
4. r-41	br,gr,rd,gld 1500 ohms	rd,yellow,rd,gold 2400 ohms
5. r-10	br,vio,gray,br 1781 ohms	yellow,blk,rd ,br 4021 ohms
6 r-14	yellow,gr,gr, blk,gld 45.5 ohms	yellow,wt,wt,blk,gld 49.9 ohm

cut small trace on controller card between p-3 and u-41
install apple spec. st-412 seagate hard drive
format drive and initialize spares tables
install 10 meg system z-8
all resistors gold band 5%

resistor tables

color band	value	multiplier
black (bl)	0	1
brown or tan (br)	1	10
red (rd)	2	100
orange (or)	3	1,000
yellow (yl)	4	10,000
green (gr)	5	100,000
blue (bl)	6	1,000,000
violet or purple (pur)	7	
gray (gry)	8	
white (wt)	9	

silver	10%
gold	5%
black	1%
red	.1%
orange	.01%
yellow	.001%

locations of resistors

on analog card on row between component u-7(ca31273) and the ground pin at the board edge oppiset the j-6 plug

r-36 the first component (1st resistor)
r-40 the fifth component (4th resistor)
r-37 the seventh component (6th resistor)
r-41 the ninth component (7th resistor)

these component positions are counted from the board edge toward the transistor q-1

at the other end of that same row starting at component cr-15 and between component u-1(6700) and component u-2(747-n)

r-14 the fourth component(4th resistor)
r-10 the fifth component(5th resistor)

on reverse side of board make sure that there is the following

1. a jumper between pin one(1) and pin ten(10) of the u-2(747-n)
2. a jumper between pin four(4) and pin thirteen(13) of the u-2(747-n)
3. a 3900 ohm (or,wt,rd,gld) resistor between pin four(4) of the u-2 and the pin of the resistor above pin eight(8) of the u-3 component. this pin is located between pin eight (8) of the u-2 and pin eight (8) of the u-4
4. a 3900 ohm (or,wt,rd,gld) resistor between pin ten (10) of the u-2 and the pin above pin fourteen (14) of the u-2 . this pin can be identified also by a thick trace starting at this pin and going through the end pin at connector j-6 and ending at a trace at the edge of the board running at right angles.